

IN THE CLAIMS

1. (Currently amended) A computing system for incorporating physical paper input into a graphical user interface (GUI), said computing system comprising:

a computing device input system that records a physical writing, which a user, using an electronic pen, makes on a physical paper, and, responsive to a user input, that selects a region of said recorded physical writing;

a computing device that comprises said GUI and a display screen, wherein said GUI presents on said display screen a windowing GUI with a paper metaphor with user selectable actions; and

wherein said computing device further comprises an object creation manager device that creates a visual object representation of said selected region of said recorded physical writing and displays a graphical element of said object representation on said display screen and an object support component of said GUI that supports use of said created object representation by said GUI so as to enable a user selection of at least one of said actions to perform said selected action for said graphical element.

2. (Previously presented) The computing system of claim 1 wherein said object support component of said GUI supports said selected action of said created object representation as a clipboard element that can be pasted into an application.

3. (Previously presented) The computing system of claim 1 wherein said object support component of said GUI supports said selected action as a reminder note.

4. (Previously presented) The computing system of claim 1 wherein said graphical element is displayed in a window of said GUI.

5. (Canceled)

6. (Previously presented) The computing system of claim 1 wherein said selected region is indicated by said user manipulating said electronic pen to define a region within said recorded physical writing.

7. (Original) The computing system of claim 6 wherein said region is defined by one of circling said region of said physical writing or by tapping corner boundaries of said region.

8. (Previously presented) The computing system of claim 1 wherein said user indicates a desire to select a region of said physical writing by tapping a menu bar.

9. (Previously presented) The computing system of claim 1 wherein another user input indicates a desired type of object representation to be created by said object creation manager device by selecting an item from a menu bar.

10. (Previously presented) The computing system of claim 1 wherein said computing input device system is comprised of a digitizer input system, and wherein said electronic pen is embodied as a pen that emits a signal that is detectable by said digitizer input system.

11. (Currently amended) A method for incorporating a writing input into a graphical user interface (GUI) of a computing device, said method comprising the steps of:

recording a representation of a physical writing, which is created by a user, using an electronic pen, on a physical paper, in a computing device input system;

selecting a region of said representation of said physical writing by a user input that manipulates said electronic pen;

creating a visual object representation of said selected region of said physical writing ;

displaying on a display screen of said computing device a windowing GUI with a paper metaphor with user selectable actions and a graphical element of said object representation; and

supporting use of said created object representation by an object support component of said GUI so as to enable a user selection of at least one of said actions to perform said selected action for said graphical element.

12. (Previously presented) The method of claim 11 wherein said user input indicates a desire to select a region of said physical writing to said computing device input system.

13. (Currently amended) The method of claim 11 wherein another user input indicates a type of object representation to be created by said creating step.

14. (Previously presented) The method of claim 13 wherein said type of object representation is selected from a menu bar by said other input with said electronic pen.

15. (Previously presented) The method of claim 11 wherein said step of selecting said region is indicated by manipulating said electronic pen for defining a region within said recorded physical writing.

16. (Original) The method of claim 15, wherein said region is defined by one of circling said region of said physical writing or by tapping corner boundaries of said region.

17. (Currently amended) A storage medium having computer readable program instructions embodied therein for incorporating physical paper input into a graphical user interface (GUI) of a computing device, said storage medium comprising:

program instructions, responsive to recording a physical writing, which is created by a user, using an electronic pen, on a physical paper, of a computing device input system, selecting a region of said recorded physical writing in response to a first input, and creating an object representation of said selected region of said physical writing by an object creation manager device;

program instructions that display on a display screen of said computing device a windowing GUI with a paper metaphor with user selectable actions and a graphical element of said object representation; and

program instructions that support use of said created object representation by an object support component of said GUI so as to enable a user selection of at least one of said actions to perform said selected action for said graphical element.

18. (Previously presented) The storage medium of claim 17 further comprising program instructions that indicate a type of object representation to be created according to said selected action by said object creation manager device.

19. (Previously presented) The storage medium of claim 17 further comprising program instructions that define said region in response to one of circling said region of said physical writing or by tapping corner boundaries of said region.

20. (Currently amended) A computing system for incorporating physical paper input into a graphical user interface (GUI), said computing system comprising:

a computing device that comprises said GUI and a display screen;

a computing device input system that records a physical writing, which a user, using an electronic pen, makes on a physical paper, and, responsive to a user's first input, that selects a region of said recorded physical writing;

a menu device that extends said GUI to said computing device input system by presenting action items of said GUI for user selection, said computing device input system providing a second user input in response to said user selection of one of said GUI action items; and

wherein said computing device further comprises an object creation manager device, responsive to said second user input, that creates an object representation of said selected region of said recorded physical writing based on said selected GUI action item and displays a graphical element of said object representation on said display screen and an object support component of said GUI that supports use of said created object representation by said GUI so as to enable user manipulation of said graphical element to perform said selected GUI action.